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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: 10/4/05 Name: Anthony P. Curtis, Ph.D. 46,193 Signature:

BRINKS  
HOFFER  
GILSON  
& LIONE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Naoya Hasegawa et al.

Appln. No.: 10/619,341

Filed: July 14, 2003

For: Magnetic Sensor with Second  
Antiferromagnetic Layer Having Smaller  
Depth in Height Direction Than Free Layer  
and Manufacturing Method Thereof

Examiner: Allen Heina

Art Unit: 2653

Attorney Docket No: 9281/4603

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Check for \$120; Transmittal Cover Letter (1p. Filed in Dup.); Response to Restriction Requirement (4pp.);  
Petition for 1 Mo. Ext. of Time (2pp. Filed in Dup.)
- ☒ Return Receipt Postcard

Fee calculation:

- ☐ No additional fee is required.
- ☐ Small Entity.
- ☒ An extension fee in an amount of \$120 for a 1-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ A petition or processing fee in an amount of \$\_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_\_).
- ☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	
Indep.		Minus			x 100=			x \$200=	
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=	
					Total	\$		Total	\$

Fee payment:

- ☒ A check in the amount of \$120 is enclosed.
- ☐ Please charge Deposit Account No. 23-1925 in the amount of \$\_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.
- ☐ Payment by credit card in the amount of \$\_\_\_\_\_ (Form PTO-2038 is attached).
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Date

Respectfully submitted,

Anthony P. Curtis, Ph.D. (Reg. No. 46,193)

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Mail Stop Amendment,  
Commissioner for Patents,  
P.O. Box 1450,  
Alexandria, VA 22313-1450 on  
October 4, 2005

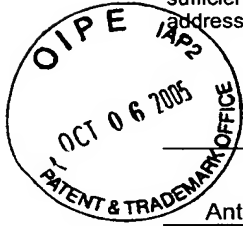
Date of Deposit

Anthony P. Curtis, Ph.D., Reg. No. 46,193

Name of applicant, assignee or  
Registered Representative

Signature

Date of Signature



Our Case No. 9281-4603

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Naoya Hasegawa et al.

Serial No. 10/619,341

Filing Date: July 14, 2003

For: MAGNETIC SENSOR WITH SECOND  
ANTIFERROMAGNETIC LAYER HAVING  
SMALLER DEPTH IN HEIGHT DIRECTION  
THAN FREE LAYER AND MANUFACTURING  
METHOD THEREOF

Examiner: Allen Heinz

Group Art Unit No.: 2653

### Response to Restriction Requirement

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Restriction Requirement dated September 1, 2005, please amend the application as follows:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 6 of this paper.